

**PARSONS HSUE & DE RUNTZ LLP**

655 MONTGOMERY STREET, SUITE 1800 ♦ SAN FRANCISCO, CALIFORNIA 94111

TELEPHONE: (415) 318-1160 ♦ FAX: (415) 693-0194

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Date: July 9, 2003

To: Examiner Rodney Fuller – Group Art: 2851 Fax #: 703-746-4360  
United States Patent and Trademark Office Tel. #: 703-306-5641

From: James S. Hsue

Subject: Application No. 09/639,495

Our Ref.: TNCR.181US0

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This Transmittal consists of 22 page(s), including this cover sheet

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As discussed I am attaching the Response to Office Action in its entirety. Please let me know if require anything else.

Cordially,  
Kathy Johnston  
For James S. Hsue

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If you do not receive all pages, please call (415) 318-1160.

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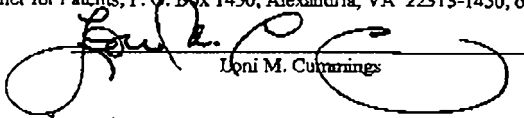
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): MEHRDAD NIKOONAHAD et al.  
Assignee: KLA-TENCOR CORPORATION  
Title: METROLOGY SYSTEM USING OPTICAL PHASE  
Application No.: 09/639,495 Filing Date: August 14, 2000  
Examiner: RODNEY E. FULLER Group Art Unit: 2851  
Docket No.: TNCR.181US0 Conf. No.: 9910

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Loni M. Cummings

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**RESPONSE TO OFFICE ACTION**

Sir:

This responds to the Office Action mailed on March 18, 2003, setting a period of response expiring on June 18, 2003.

Attorney Docket No.: TNCR.181US0

Application No.: 09/639,495